

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: R. FURUHASHI, et al

Serial No.: 10/828,306

Filing Date: April 21, 2004

For: INFORMATION PROCESSING SYSTEM AND MANAGEMENT  
DEVICE



**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

**MS DD**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 20, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (501.43789X00) please credit any excess fees to such deposit account.

Respectfully submitted,



CIB/jdc  
(703) 312-6600

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Carl I. Brundidge  
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ANTONELLI, TERRY, STOUT & KRAUS, LLP

**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark

ATTY. DOCKET NO.

501.43789X00

SERIAL NO.

10/828,306

APPLICANT  
**R. FURUHASHI, et al**

FILING DATE  
**April 21, 2004**

GROUP

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME            | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|------|-----------------|-------|----------|-------------------------------|
|                     | 6 4 4 6 1 6 1   | 9/02 | Yamamoto, et al |       |          |                               |
| 2<br>0<br>0<br>2    | 0 0 0 4 8 5 7   | 1/02 | Arakawa et al   |       |          |                               |
| 2<br>0<br>0<br>3    | 0 0 0 4 9 8 1   | 1/03 | Kaneda et al    |       |          |                               |
|                     |                 |      |                 |       |          |                               |
|                     |                 |      |                 |       |          |                               |
|                     |                 |      |                 |       |          |                               |
|                     |                 |      |                 |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | ABSTRACT |
|-----------------|------|---------|-------|----------|----------|
|                 |      |         |       |          | YES NO   |
|                 |      |         |       |          |          |
|                 |      |         |       |          |          |
|                 |      |         |       |          |          |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|  |   |
|--|---|
|  | SNIA Storage Management Initiative Specification, version 1.0.1, Abstract, 2003, pp. iii-vi; p. 187.                  |
|  | D. Patterson, "A Case for Redundant Arrays of Inexpensive Disks (RAID), Computer Science Division, 1988, pp. 109-116. |
|  |   |

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])